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Substitute for form 1449  
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PATENT & TRADEMARK OFFICE  
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Sheet 1 of 6

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Attorney Docket Number	71626 US02
		First Named Inventor	Shelton et al.
COMPLETE IF KNOWN			
		Application Number	10/796,176
		Filing Date	March 09, 2004
		Group Art Unit	
		Examiner Name	

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)	
SH	3,411,941		Lowe, et al.	11-19-1968
	4,595,722		Such	06-17-1986
	4,598,015		Panush	07-01-1986
	4,598,020		Panush	07-01-1986
	4,605,687		Panush	08-12-1986
	4,692,481		Kelly	09-08-1987
	4,707,381		Toyama et al.	11-17-1987
	4,714,634		Miyazona et al.	12-22-1987
	4,725,640		Cowles	02-16-1988
	4,732,790		Blackburn et al	03-22-1988
	4,732,791		Blackburn et al	03-22-1988
	4,740,541		Morse	04-26-1988
	4,753,829		Panush	06-28-1988
	4,755,581		Blackburn et al.	07-05-1988
	4,755,582		Blackburn et al.	07-05-1988
	4,829,108		Okuda et al	05-09-1989
	4,855,184		Klun et al.	08-08-1989
	4,859,758		Shalati et al.	08-22-1989
	4,888,372		Abrams et al.	12-19-1989
	4,902,578		Kerr, III	02-20-1990
SH	5,051,473		Tabuchi et al.	09-24-1991
SH	5,086,144		Shalati et al.	02-04-1992

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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SH	5,089,313	Cope	02-18-1992
	5,091,010	Souma et al	02-25-1992
	5,256,453	Heithorn et al.	10-26-1993
	5,260,358	Shimuzu et al.	11-09-1993
	5,283,126	Rasmussen et al.	02-01-1994
	5,322,560	DePue et al.	06-21-1994
	5,360,644	Briggs et al.	11-01-1994
	5,372,638	DePue et al.	12-13-1994
	5,384,163	Budde et al.	01-24-1995
	5,389,139	Carpenter et al.	02-14-1995
	5,418,293	Numa et al.	05-23-1995
	5,425,969	Wakabayashi et al.	06-20-1995
	5,473,032	Bederke et al.	12-05-1995
	5,498,781	Hall et al.	03-12-1996
	5,504,178	Shaffer et al.	04-02-1996
	5,510,443	Shaffer et al.	04-23-1996
	5,520,963	Liu	05-28-1996
	5,527,848	Carpenter et al.	06-18-1996
	5,545,677	Hall et al.	08-13-1996
	5,552,458	Hall et al.	09-03-1996
	5,580,819	Li et al.	12-03-1996
	5,585,186	Scholz et al.	12-17-1996
	5,624,757	Smith	04-29-1997
↓	5,658,976	Carpenter et al.	08-19-1997
SH	5,670,141	Nebra	09-23-1997

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SH	5,721,015	Iwamura et al.	02-24-1998
	5,744,243	Li et al.	04-28-1998
	5,753,373	Scholz et al.	05-19-1998
	5,821,315	Moriya et al.	10-13-1998
	5,873,931	Scholz et al.	02-23-1999
	5,914,397	Kiyose et al.	06-22-1999
	5,942,030	Schuhmacher et al.	08-24-1999
	5,997,621	Scholz et al.	12-07-1999
	5,998,035	Iwamura et al.	12-07-1999
	6,001,484	Horron et al.	12-14-1999
	6,025,433	Shibatoh et al.	02-15-2000
	6,040,053	Scholz et al.	03-21-2000
	6,046,259	Das et al.	04-04-2000
	6,051,242	Patel et al.	04-18-2000
	6,225,404	Sorenson et al.	05-01-2001
	6,228,433	Witt	05-08-2001
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	6,355,303	Vogt-Birnbrich et al.	03-12-2002
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	6,407,151	Lutz et al.	06-18-2002
	6,509,440	Sakane et al.	01-21-2003
	6,544,593	Nagata et al.	04-08-2003
↓	6,592,944	Uhlianuk et al.	07-15-2003
SH	6,596,069	Ido et al.	07-22-2003

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<i>SH</i>	6,607,833	Uhlianuk et al.	08-19-2003
	6,632,852	Chen et al.	10-14-2003
	6,635,314	William et al.	10-21-2003
	6,653,411	Puligadda et al.	11-25-2003
	6,689,839	Hayakawa et al.	02-10-2004
	6,696,142	Baer et al.	02-24-2004
	6,758,992	Solomon et al.	07-06-2004
	6,861,495	Barsotti et al.	03-01-2005
	6,870,024	Haubennestel et al.	03-22-2005
	6,903,145	Nienhaus et al.	06-07-2005
	6,913,831	Suzuki	07-05-2005
	6,987,144	Anderson et al.	01-17-2006
	6,997,980	Wegner et al.	02-14-2006
	7,001,948	Gupta et al.	02-21-2006
	7,026,470	Obie	04-11-2006
	2004/0058083	Lettmann et al.	03-25-2004
	2004/0101629	Baumgart et al.	05-27-2004
	2004/0185269	Loper et al.	09-23-2004
	2005/0031873	Berschel et al.	02-10-2005
	2005/0100740	Lin et al.	05-12-2005
	2005/0123781	Drescher et al.	06-09-2005
	2005/0186349	Loper et al.	08-25-2005
	2005/0227162	Van Rooyen	10-13-2005
↓	60/810,923	Bhattacharya et al.	06-05-2006
<i>SH</i>	60/810,924	Bhattacharya et al.	06-05-2006

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		60/845,288		Bhattacharya et al.	09-18-2006
		60/845,374		Bhattacharya et al.	09-18-2006

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	
GH		EP	0 455 211	B2	Herberts Gesellschaft 04-05-1995
		EP	0 803 552	B2	Eckart-Werke Standard et al 05-10-2000
		EP	0 515 208	A3	Nisshinbo Industries, Inc. 11-25-1992
		EP	0 267 409	B1	Mazzucchelli Celluloide S.P.A. 05-18-1988
		EP	0 547 614	A3	Isamu Paint Co., Ltd. 06-23-1993
		EP	1 574 554	A3	Nippon Paint Co., Ltd. 09-14-2005
		EP	0 289 997	A2	Herberts & Co. GmbH 11-09-1988
✓		WO	99/59753		Hoganas AB 11-25-1999
GH		WO	04/83253		Eastman Chemical Company 09-30-2004

<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author(in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>6</sup>
GH		Malm, Carl J.; Fordyce, Charles R.; Tanner, Howard A. "Properties of Cellulose Esters of Acetic, Propionic, and Butyric Acids," <i>Ind. Eng. Chem.</i> , 1942, 34(4), 430				
SH		Abatzoglou, N.; Chornet, E. "Acid Hydrolysis of Hemicelluloses and Cellulose: Theory and Applications," in <i>Polysaccharides: Structural Diversity and Functional Versatility</i> , ed. S. Dumitriu, Marcel Dekker, Inc., New York, 1998				

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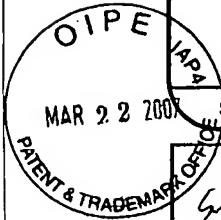
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Substitute for form 1449

**INFORMATION DISCLOSURE  
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		Application Number	10/796,176
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MAR 22 2004	Sheet 6 of 6	Examiner Name	

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Searching Authority for PCT Application PCT/US2006/015573



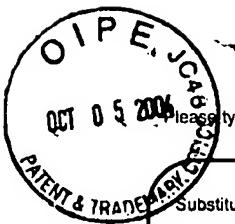
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Attorney Docket Number	71626-02
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### U.S. PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
SH		WO	98/20961T 95/20961		Eastman Chemical Company	07-11-1996	
SH		GB	1 122 006		Shinetsu Chem Ind Co.	07-31-1968	
SH		WO	01/35719		Eastman Chemical Company	05-25-2001	

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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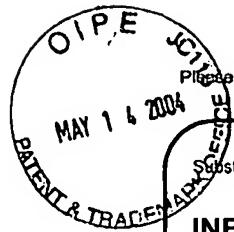
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SH		1,652,573		Mallabar	12-13-1927
		1,683,347		Gray et al.	09-04-1928
		1,878,954		Malm	09-20-1932
		2,129,052		Fordyce	09-06-1938
		2,801,239		Hiatt et al.	07-30-1957
		3,386,932		Steinmann	06-04-1968
		3,391,135		Ouno et al.	07-02-1968
		3,518,249		Hiatt et al.	06-30-1970
		4,415,734		Yabune et al.	11-15-1983
		4,532,177		Mahar	07-30-1985
		4,543,409		Diamantoglou et al.	09-24-1985
		4,551,492		Aerts	11-05-1985
		4,983,730		Domeshek et al.	01-08-1991
		5,449,555		Karstens et al.	09-12-1995
		5,478,386		Itoh et al.	12-26-1995
		5,480,922		Mülhaupt et al.	01-02-1996
		5,663,310		Shimoda et al.	09-02-1997
		5,705,632		Shimoda et al.	01-06-1998
		5,720,803		Itoh et al.	02-24-1998
		5,856,468		Shuto et al.	01-05-1999
↓		5,914,309		Ulbl et al.	06-22-1999
SH		5,919,920		Murakami et al.	07-06-1999

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<i>SH</i>	5,962,677		Murakami et al.	10-05-1999
	5,990,304		Klyose et al.	11-23-1999
	6,099,973		Miyai et al.	08-08-2000
	6,207,601	B1	Maurer et al.	03-27-2001
	6,303,670	B1	Fujino et al.	10-16-2001
	6,407,224	B1	Mironov et al.	06-18-2002
<i>↓</i>	6,609,677	B2	Seybold et al.	08-26-2003
<i>SH</i>	10/796,235		Shelton et al.	03-09-2004

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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SH		Kirk-Othmer, Encyclopedia of Chemical Technology, Fourth Ed., vol. 5, pp. 496-529, 509 (1993), John Wiley & Sons, New York, New York			
		Nishimura, T.; Nakatubo, F. "Chemical Synthesis of Cellulose Derivatives by a Convergent Synthetic Method and Several of Their Properites," <i>Cellulose</i> , 1997, 4, 109			
		Kawada, T.; Nakatubo, F.; Murakami, K.; Sakuno, T. "Synthetic Studies of Cellulose IX: Reactivity and Cleavage of Three Kinds of Protective Groups of Synthesized Cellooligosaccharide Derivatives," <i>Mokuzai Gakkaishi</i> , 1991, 37 (10), 930			
		Kawada, T.; Nakatubo, F.; Umezawa, T.; Murakami, K.; Sakuno, T. "Synthetic Studies of Cellulose XII: First Chemical Synthesis of Cellooctaose Acetate," <i>Mokuzai Gakkaishi</i> , 1994, 40 (7), 738			
		"Characterization of Cellulose Esters by Solution-State and Solid-State Nuclear Magnetic Resonance Spectroscopy," Editors: T. J. Heinze and W. G. Glasser, Chapter 10 in the ACS Symposium Series 688 :Cellulose Derivatives - Modification, Characterization, and Nanostructures," Douglas W. Lowman, 131-162 (1998)			
		Miyamoto, T.; Sato, Y.; Shibata, T.; Inagaki, H.; Tanahashi, M; <i>J. Polym. Sci., Polym. Chem. Ed.</i> , 1984, 22, 2363			
		Buchanan, C. M.; Hyatt, J. A.; Kelley, S. S.; Little, J. L.; <i>Macromolecules</i> , 1990, 23, 3747			
↓		Dickey, E. E.; Wolfrom, J. L., "A Polymer-Homologous Series of Sugar Acetates from the Acetolysis of Cellulose,: <i>J. Am. Chem. Soc.</i> , 1949, 825			
SH		Wolfrom, M. L.; Dacons, J. C., "The Polymer-Homologous Series of Oligosaccharides from Cellulose," <i>J. Am. Chem. Soc.</i> , 1952, 5331			

Examiner Signature		Date Considered	
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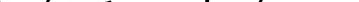
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449				Attorney Docket Number	71626 US02
				First Named Inventor	Shelton et al.
				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/796,176
				Filing Date	March 09, 2004
				Group Art Unit	
Sheet	4	of	4	Examiner Name	

*S.H.* Research Disclosure, September 1978, 17304, p 19

Examiner Signature		Date Considered	5/8/07
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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